

BookletChart™

Pillsbury Sound

NOAA Chart 25647

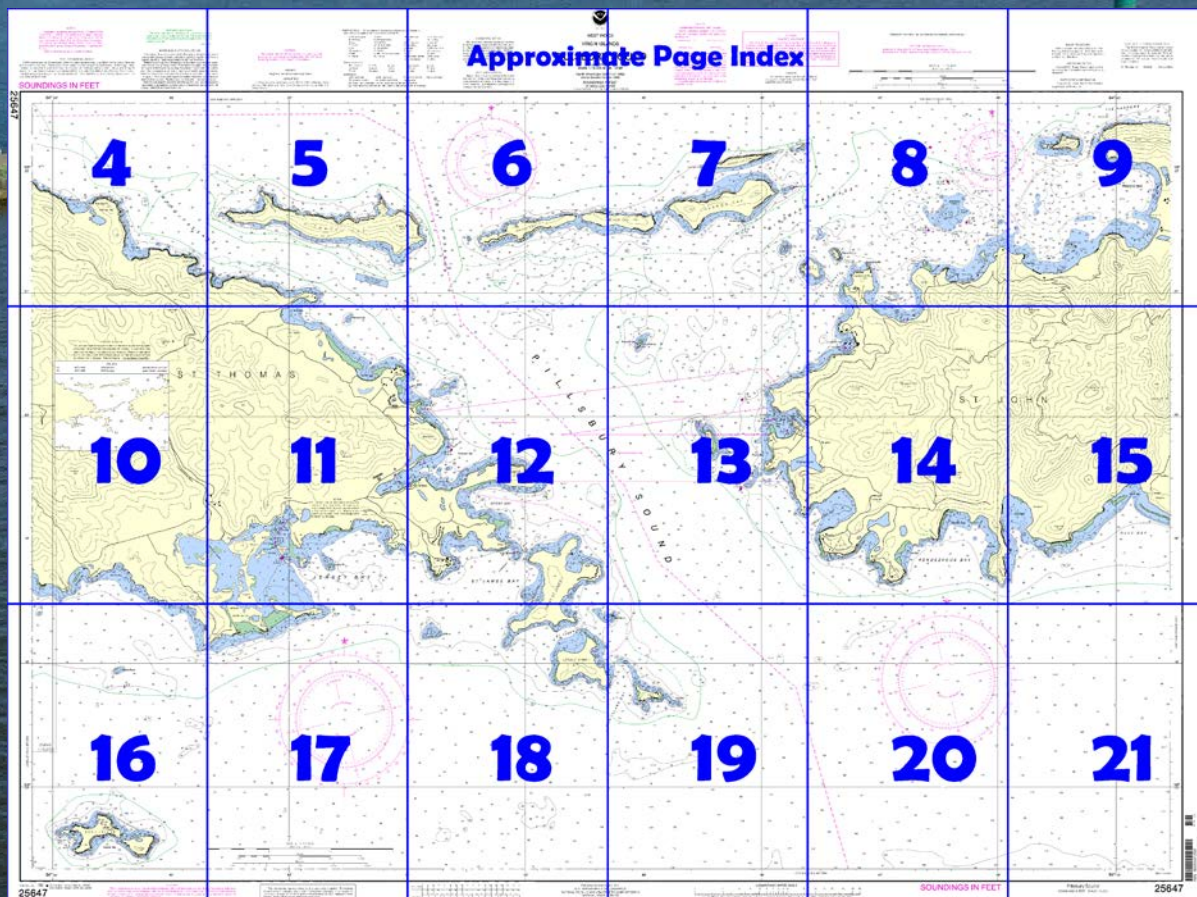


A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=25647>.



(Selected Excerpts from Coast Pilot)

Mandal Bay, 3 miles E of Picara Point, is shoal, with a sandy beach at its head.

Mandal Point, just E of the bay, is 277 feet high, with cliffs 100 to 120 feet high at the water's edge. An unmarked channel, W of the point, has a rock jetty on either side which leads through the reefs and a landcut to a small dredged harbor. The channel has shifting sand bars and can be shallow. On the E side of the bay, a rubble mound breakwater extends 270 feet from

shore on the N side of the channel entrance, and a smaller rubble mound jetty extends 70 feet from shore on the S side. To the SE of

Mandal Bay is Tutu Bay with fringing reef on the E side. The bay often experiences heavy waves.

Water generally breaks on a reef close NE of Mandal Point. A 23-foot spot is 0.3 mile E of the point.

Coki Point, 1.9 miles ESE of Mandal Point, has a 47-foot high bluff with a sandy beach on the N side and shoreline foul with coral and fringing reef E and W of the beach. It forms the N shore of **Water Bay**. A conspicuous 235-foot cone-shaped hill is just S of Water Bay. **Turtleback Rock**, 2 feet high, is off the entrance to Water Bay 0.3 mile SE of Coki Point. Midway between Water Bay and Cables Point is a small sandy beach located at Footer Point. There are several boulders off Footer Point placed as a breakwater which are covered by water. **Cables Point** is a low rocky hook 1 mile SE of Coki Point. **Shark Island**, 32 feet high, is about 0.3 mile ESE of Cables Point. Foul ground encircles the island with several visible rocks 125 yards off the NE end.

Just to the W of the Cables Point is a small cove locally referred to as Lindquist Bay. Shallow reef are prominent on the W and E sides with a sand beach in the center, commonly referred to as Lindquist Beach. An unmarked channel lies in the middle of the cove.

St. John Bay, on the SE side of Cables Point, has a shallow fringe reef at the W and E ends. A channel lies near the center of the bay and small boats can land ashore. A strong current runs between Shark Island and Prettyklip Point, locally referred to as Sapphire Beach.

Just SE of Prettyklip Point is a spit of land with hotels and condos. A marina is located in the alcove W of the spit. Buoys reported mark the channel to the marina.

Redhook Bay, at the E end of St. Thomas Island, consists of a S arm called **Muller Bay** and the W arm, **Vessup Bay**. Ferry boats to St. John Island use a small L-shaped pier in the NE part of Vessup Bay. In 1972, a depth of 9 feet was reported at its face. The channel through Redhook Bay into Vessup Bay is marked by private buoys. A marina is 200 yards W of the L-shaped pier. Berths, gasoline, electricity, water, ice, and marine supplies are available. Repairs can be made to gasoline or diesel engines and to some electronic equipment. The National Park Service maintains an L-shaped pier on the S side of Vessup Bay; in 1972, depths of about 6 feet were reported alongside.

Cabrita Point, the E end of St. Thomas, rises to a height of 210 feet. A neck of land joins the remainder of St. Thomas. A 24-foot spot lies 0.6 mile ESE of Cabrita Point.

Pillsbury Sound is the body of water between St. Thomas, St. John, and the cays which bound the sound on the N side, forming an excellent roadstead about 2 miles in extent E and W and 1.5 miles N and S. This area is quite secure against rollers and all winds except from the S which blow only in the hurricane months, but the area can become quite rough. The current attains a velocity of 2 knots.

The depths in the sound are somewhat irregular, varying from 41 to 111 feet. All the main passages leading to it are deeper than the mean depth of the sound itself.

Thatch Cay, at the NW end of Pillsbury Sound, is 1.6 miles long. The island is in the form of a ridge, 482 feet high near the E end.

Two Brothers are two small 12-foot-high barren rocks lying in the middle of Pillsbury Sound; a light 23 feet above the water is shown from the larger rock. A ledge extends off their NE side, deepening to 30 feet at a distance of 250 yards. Vessels can anchor in depths of 40 to 65 feet about 0.5 mile NE of Two Brothers on sand and mud bottom.

Cowpet Bay, in the N part of St. James Bay, is 0.3 mile wide between **Water Point** and **Deck Point**.

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC New Orleans

Commander

8th CG District

New Orleans, LA

(504) 589-6225

Table of Selected Chart Notes

Corrected through NM Jul. 29/06
Corrected through LNM Jul. 25/06

HEIGHTS

Heights in feet above Mean High Water.

Mercator Projection
Scale 1:15,000 at Lat. 18°20'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOW WATER

NOTE B

Benner Bay Channel has been reported shoaled. It is suspected that some piles, which could not be located, may be broken off below the waterline. Mariners are cautioned to seek local knowledge prior to transiting the area.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:



Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the Puerto Rico Datum must be corrected an average of 7.165" southward and 1.499" eastward to agree with this chart.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

St. Thomas, V.I. WXM-96 162.475 MHz

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida.

Refer to charted regulation section numbers.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from Geological Survey, and the U.S. Coast Guard.

HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

COLREGS, 80.739a (see note A)

International Regulations for Preventing Collisions at Sea, 1972.

The entire area of this chart falls seaward of the COLREGS Demarcation Line.

CAUTION

CHANGES in BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red and green as appropriate. Changes to aids to navigation will be announced in the National Geospatial-Intelligence Agency weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Is isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstrn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	
21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.			
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.			

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Refer to charted regulation section numbers.

PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, <http://NauticalCharts.gov>, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, <http://OceanGrafix.com>, or help@OceanGrafix.com.

WIRE DRAGGED AREAS

The area outside, or offshore, of the solid line has been swept clear to a depth of 42 feet. The areas between the solid and broken green lines have been swept clear to a depth of 36 feet.

1924-1927

HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

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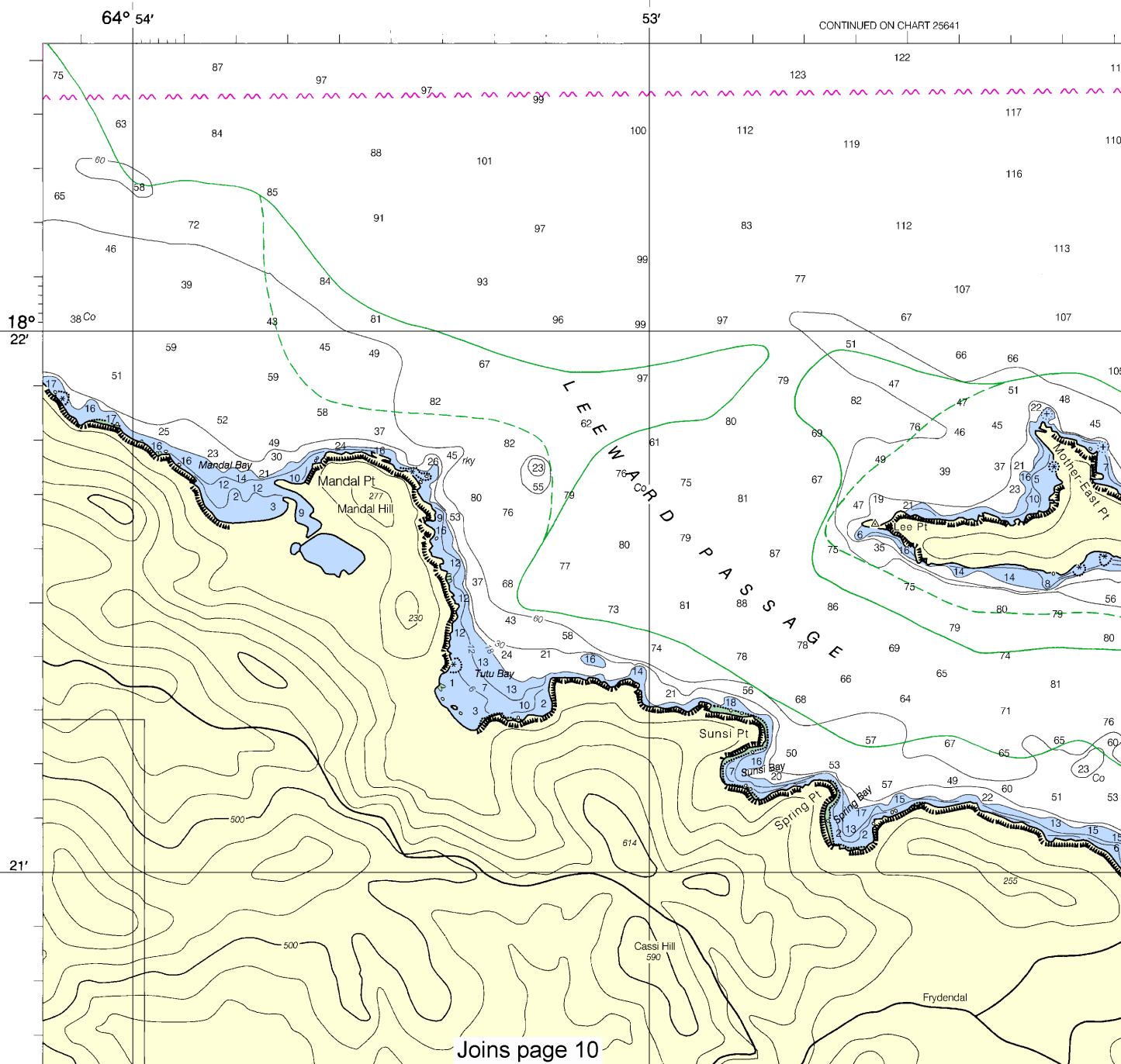
The prudent mariner to navigation, particularly the Guard Light List and

Heights in

Hydrography and topographic Survey, with additional Coast Guard.

SOUNDINGS IN FEET

25647



Joins page 10

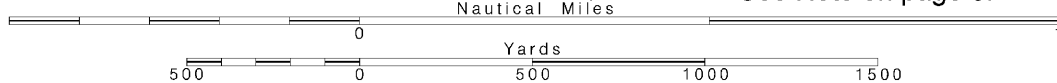
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Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:15,000

See Note on page 5.



ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
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AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	ISO isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	OC occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstr obstruction	PD position doubtful	Subm submerged
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HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the Puerto Rico Datum must be corrected an average of 7.165" southward and 1.499" eastward to agree with this chart.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

WARNING

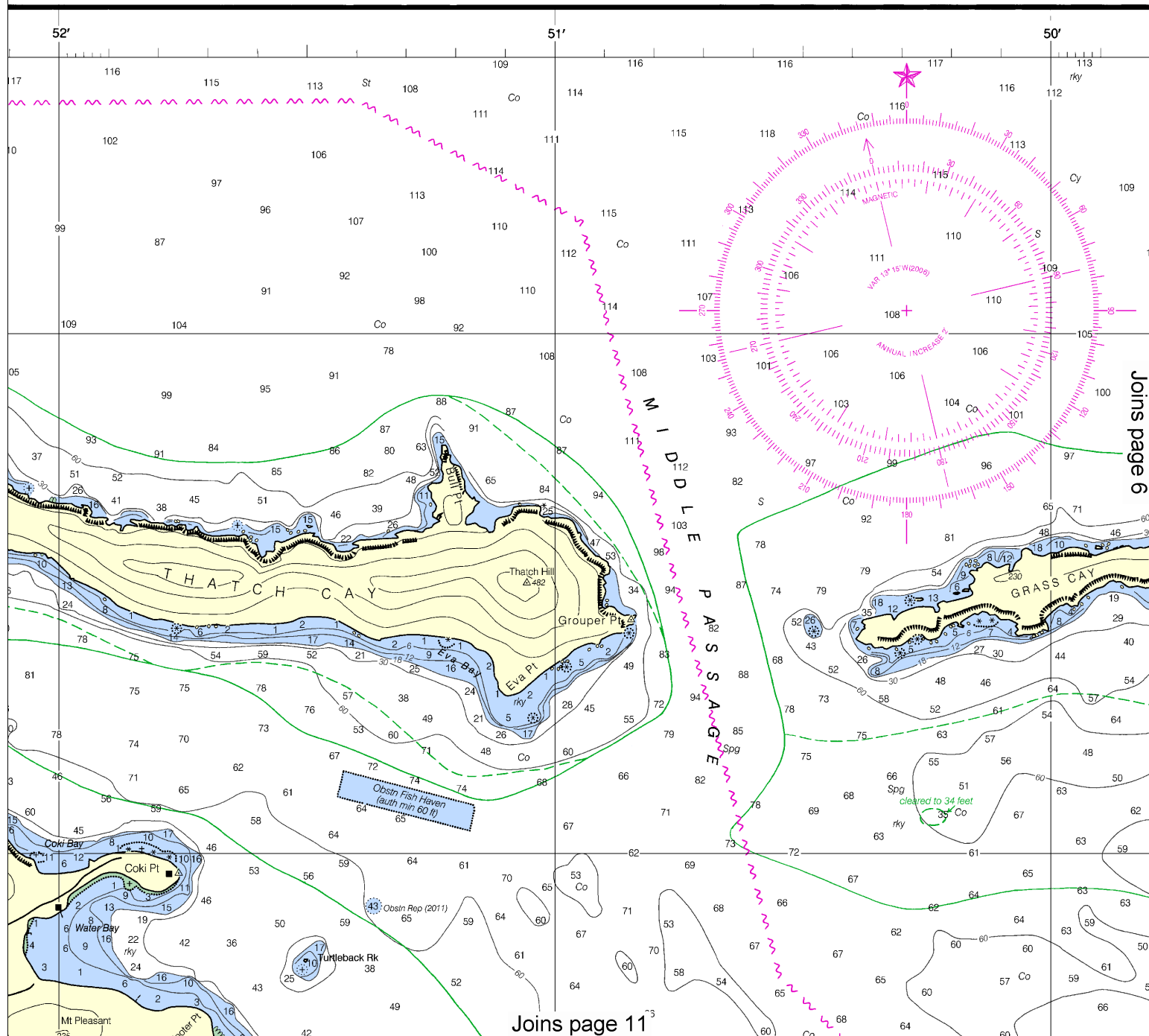
Mariner will not rely solely on any single aid indicating on floating aids. See U.S. Coast and U.S. Coast Pilot for details.

HEIGHTS

in feet above Mean High Water.

AUTHORITIES

Topography by the National Ocean Service, Coast and Geodetic Survey, and the U.S. Geological Survey.



This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:20000. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.



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WEST INDI

VIRGIN ISLA

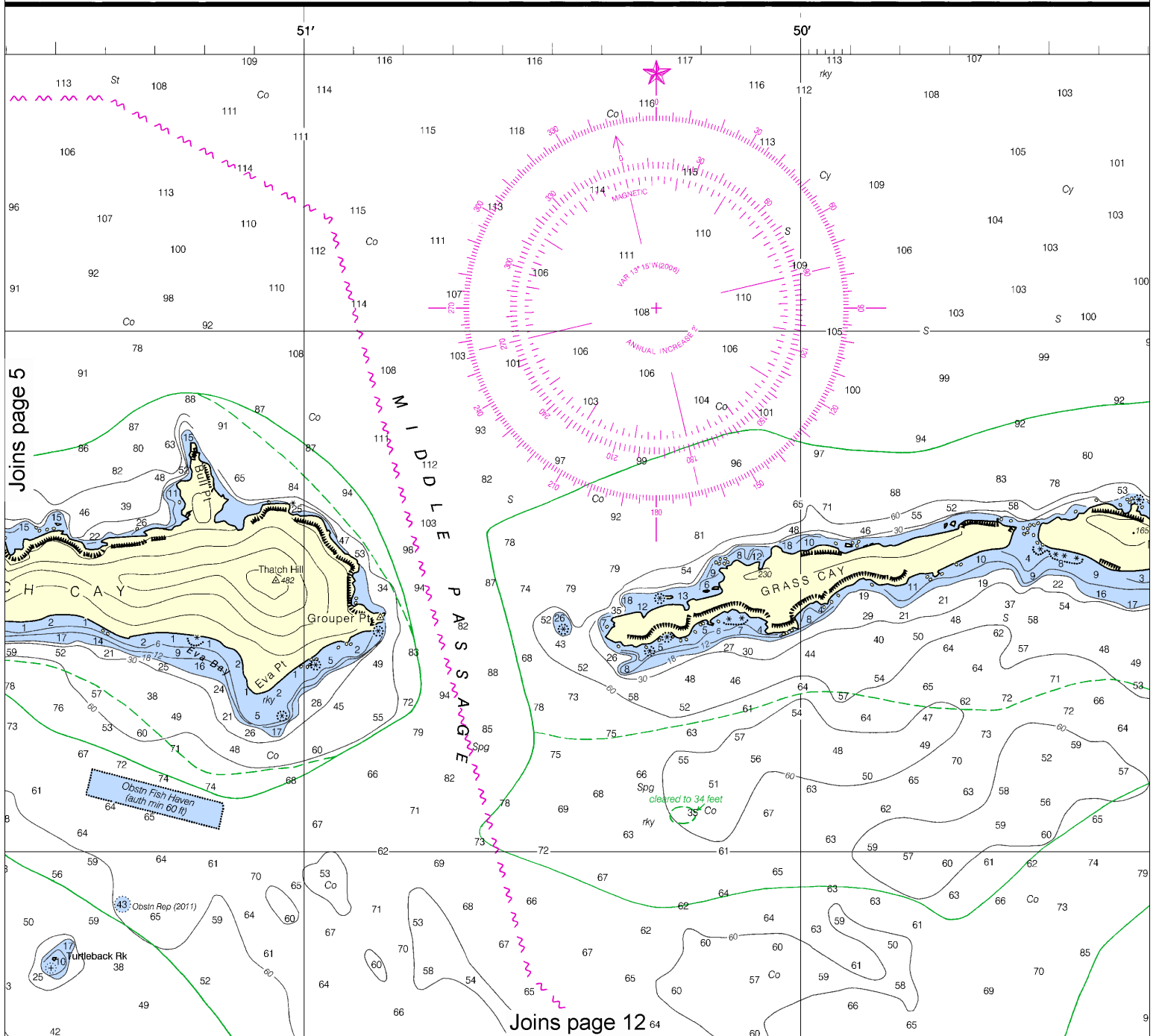
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(World Geodetic Syst)

SOUNDINGS IN
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Formerly C&GS 938, 1st Ed., Feb. 1941



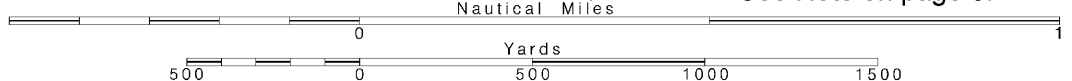
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Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:15,000

See Note on page 5.



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LANDS

SOUND

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WATER

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CAUTION
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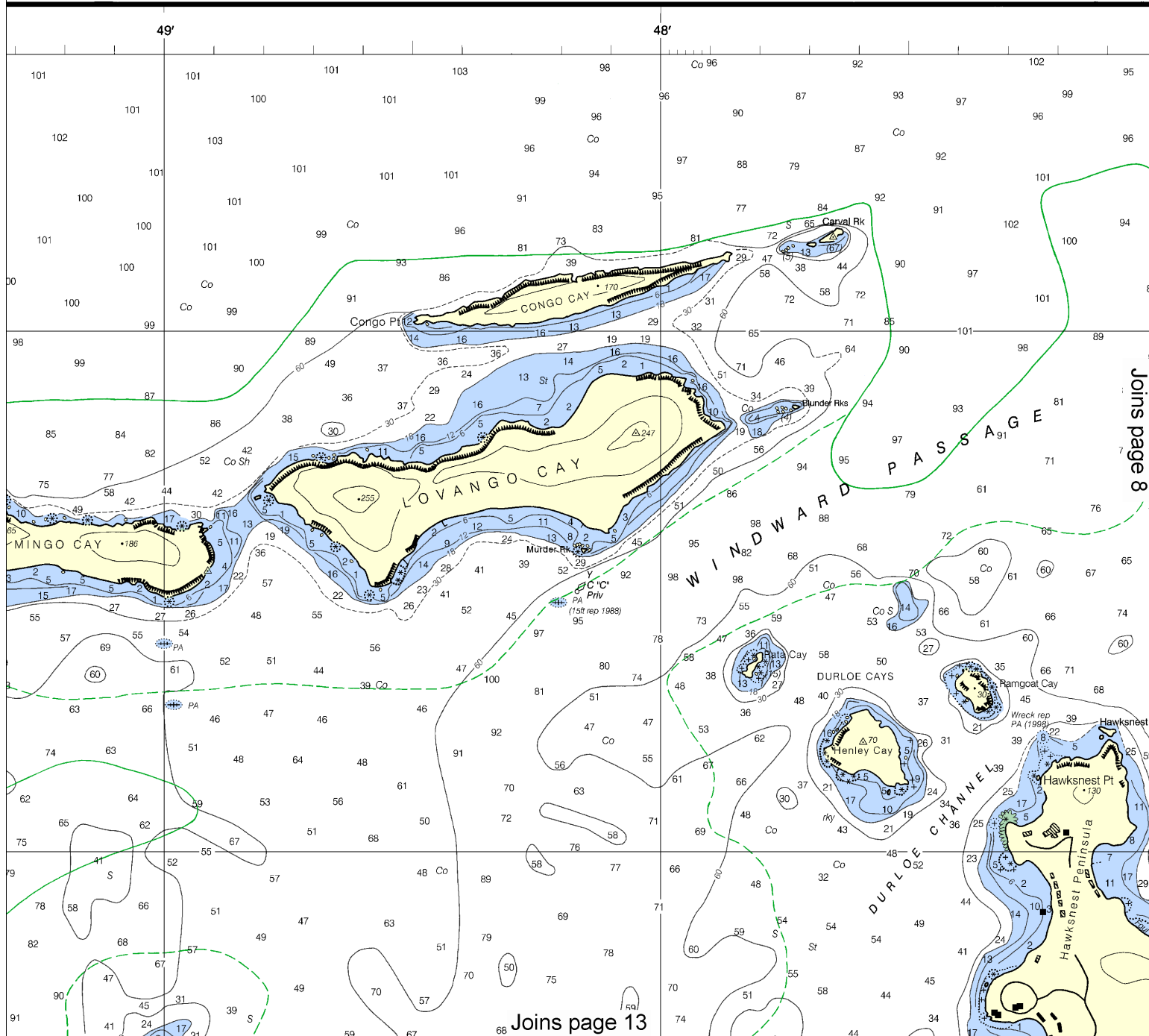


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CAUTION
CHANGES in BUOYAGE

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CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.



This BookletChart has been updated through: Coast Guard Local Notice To Mariners: 4612 11/13/2012,
NGA Weekly Notice to Mariners: 4712 11/24/2012,
Canadian Coast Guard Notice to Mariners: n/a.

7

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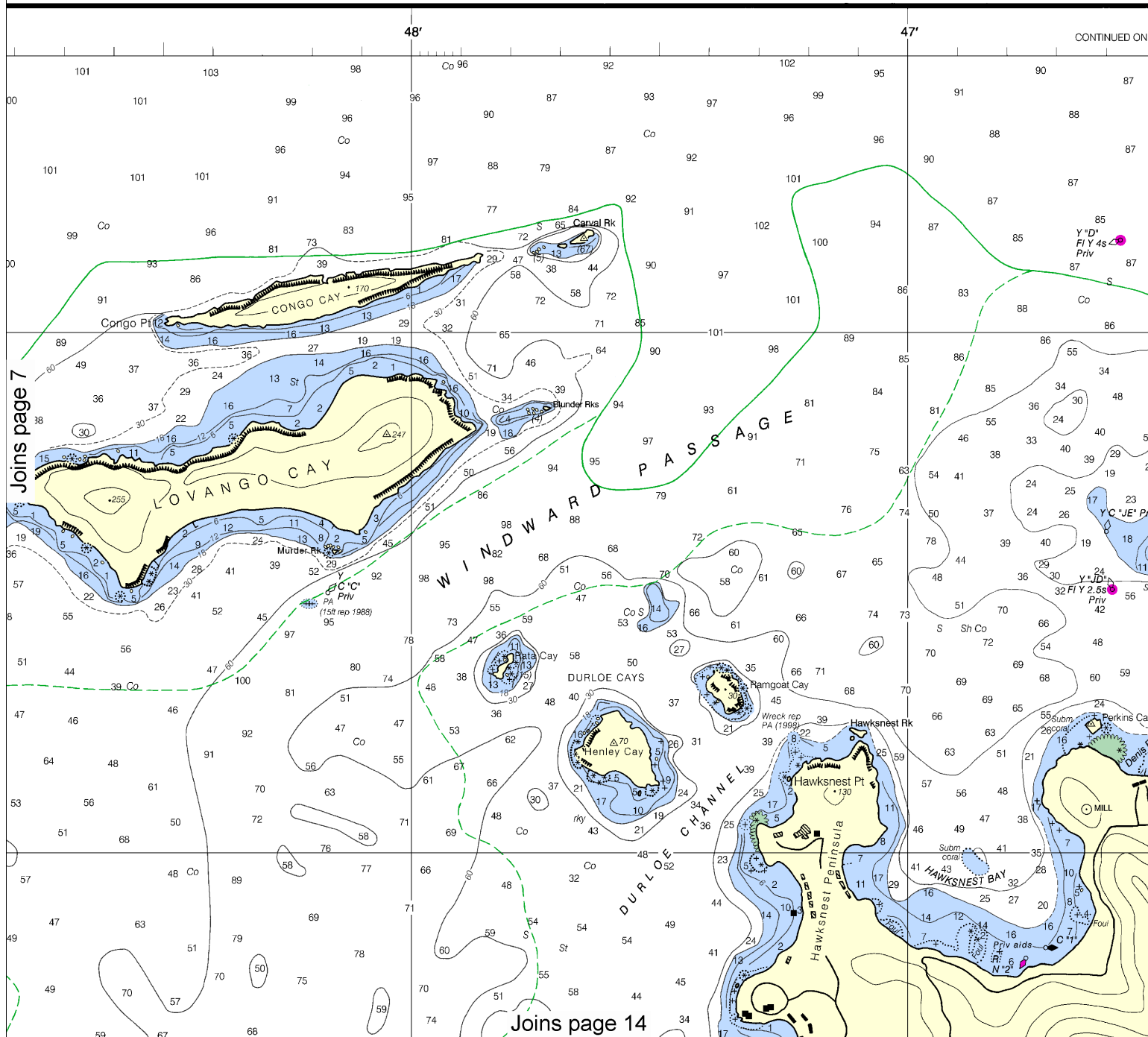
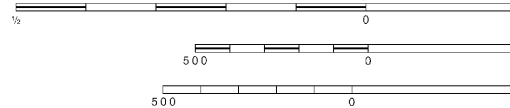
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Additional information can be obtained at:

COLREGS, 80.739a (see 1)
International Regulations for Preventing Collisions at Sea
The entire area of this chart falls seaward of the

SCALE
Nautical Miles



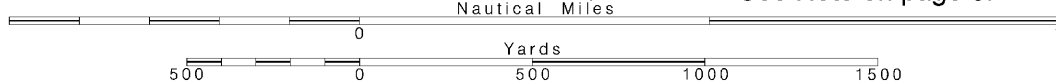
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Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

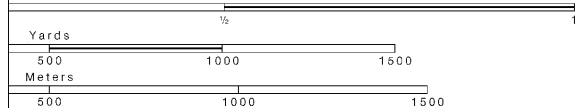
SCALE 1:15,000

See Note on page 5.



note A)
ions at Sea, 1972.
the COLREGS Demarcation Line.

LE 1:15,000
autical Miles



RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

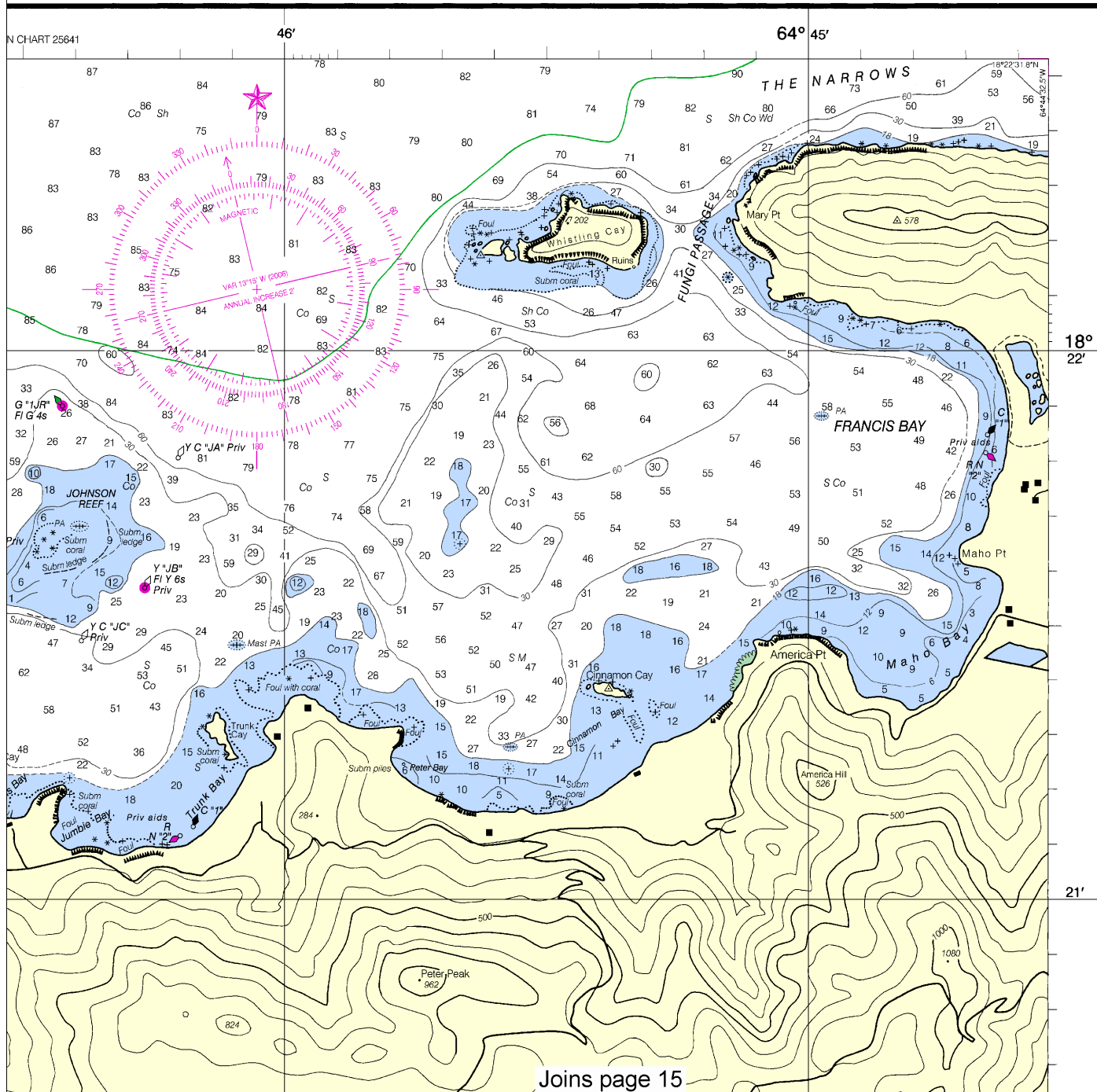
SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

NOAA WEATHER RADIO BROADCASTS

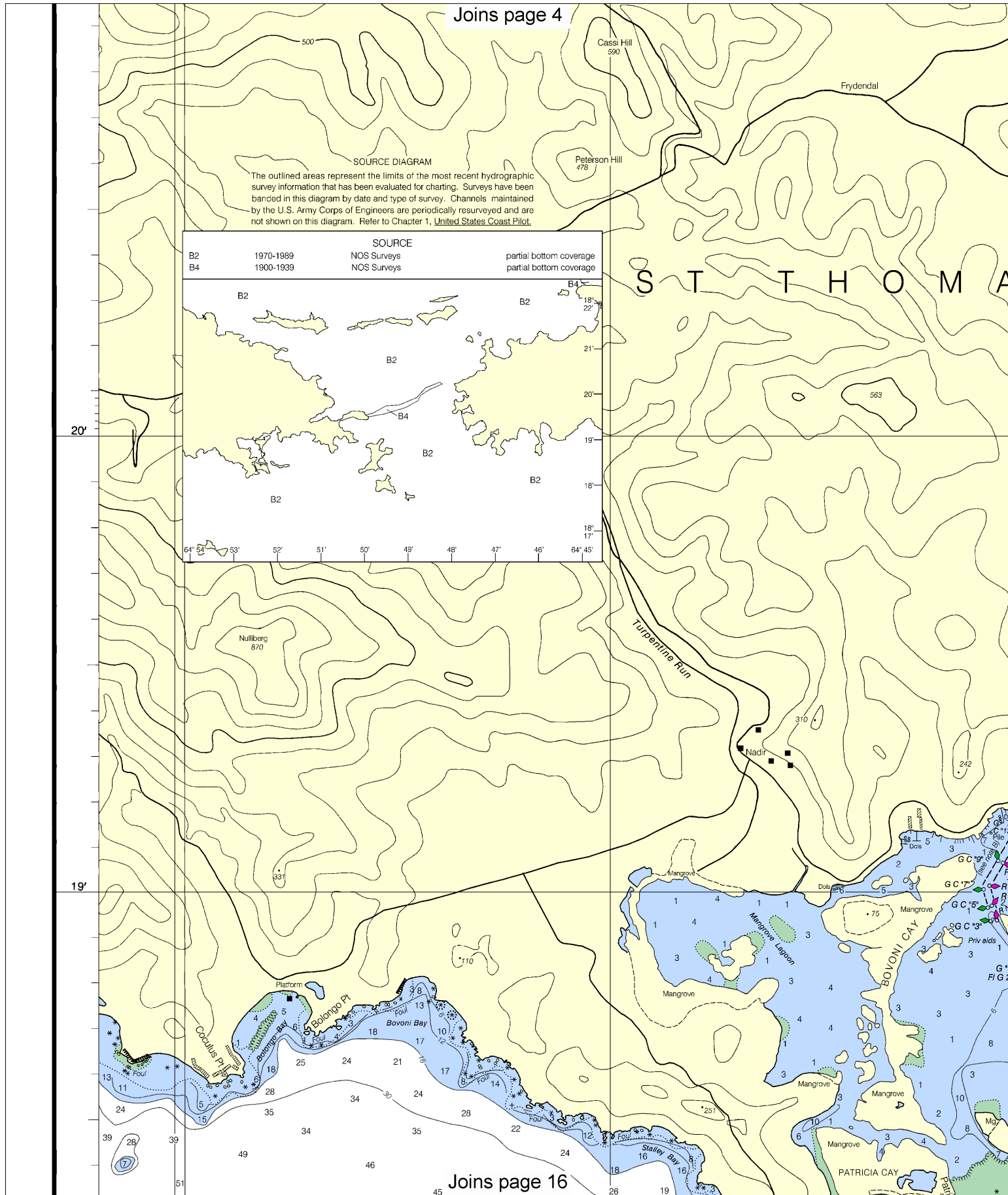
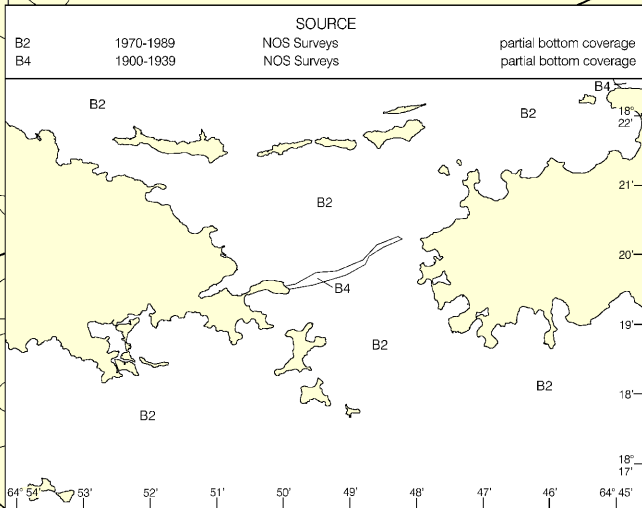
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St. Thomas, V.I. WXM-96 162.475 MHz



SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, *United States Coast Pilot*.



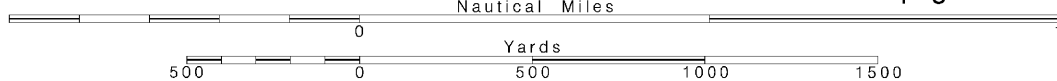
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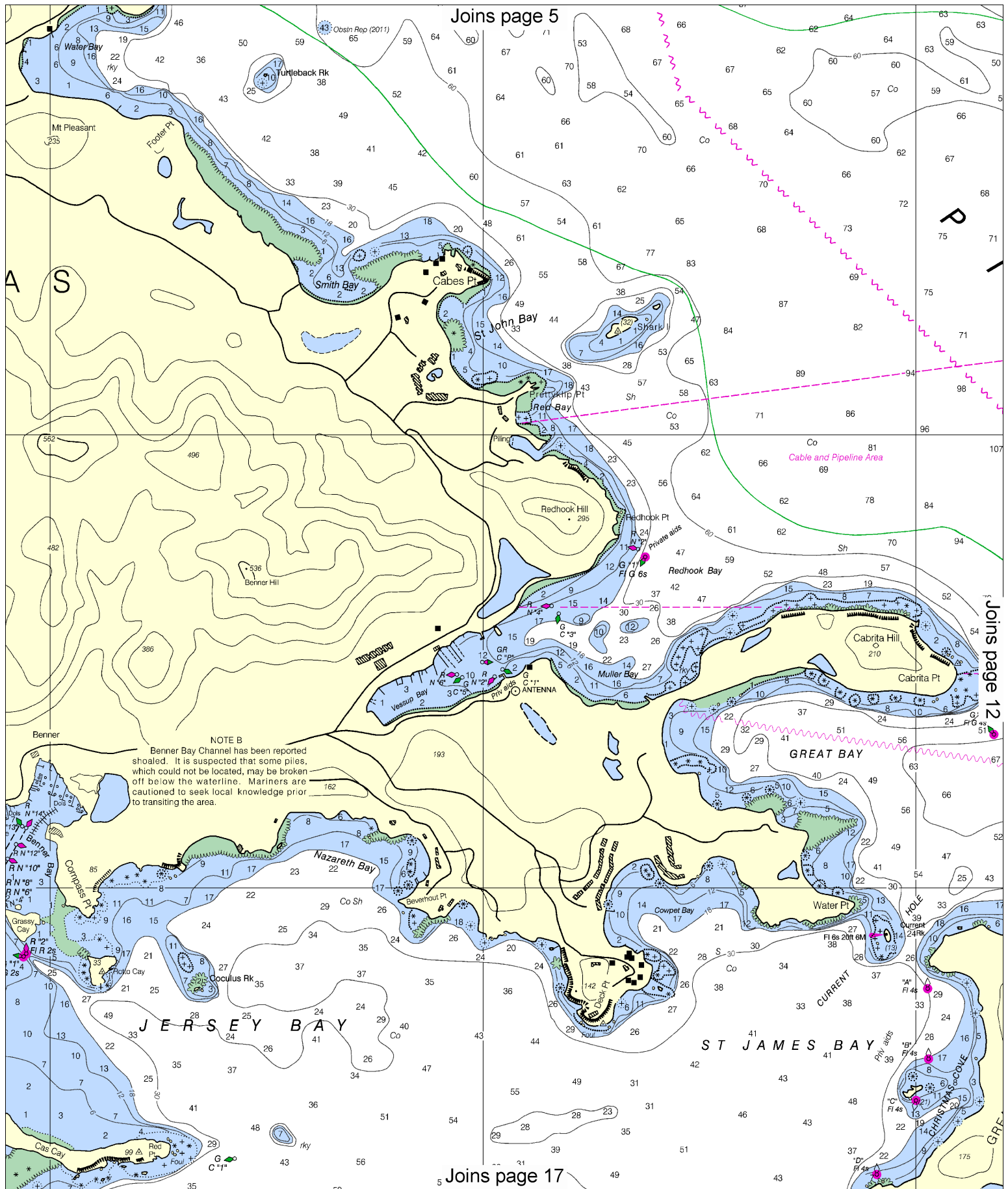
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

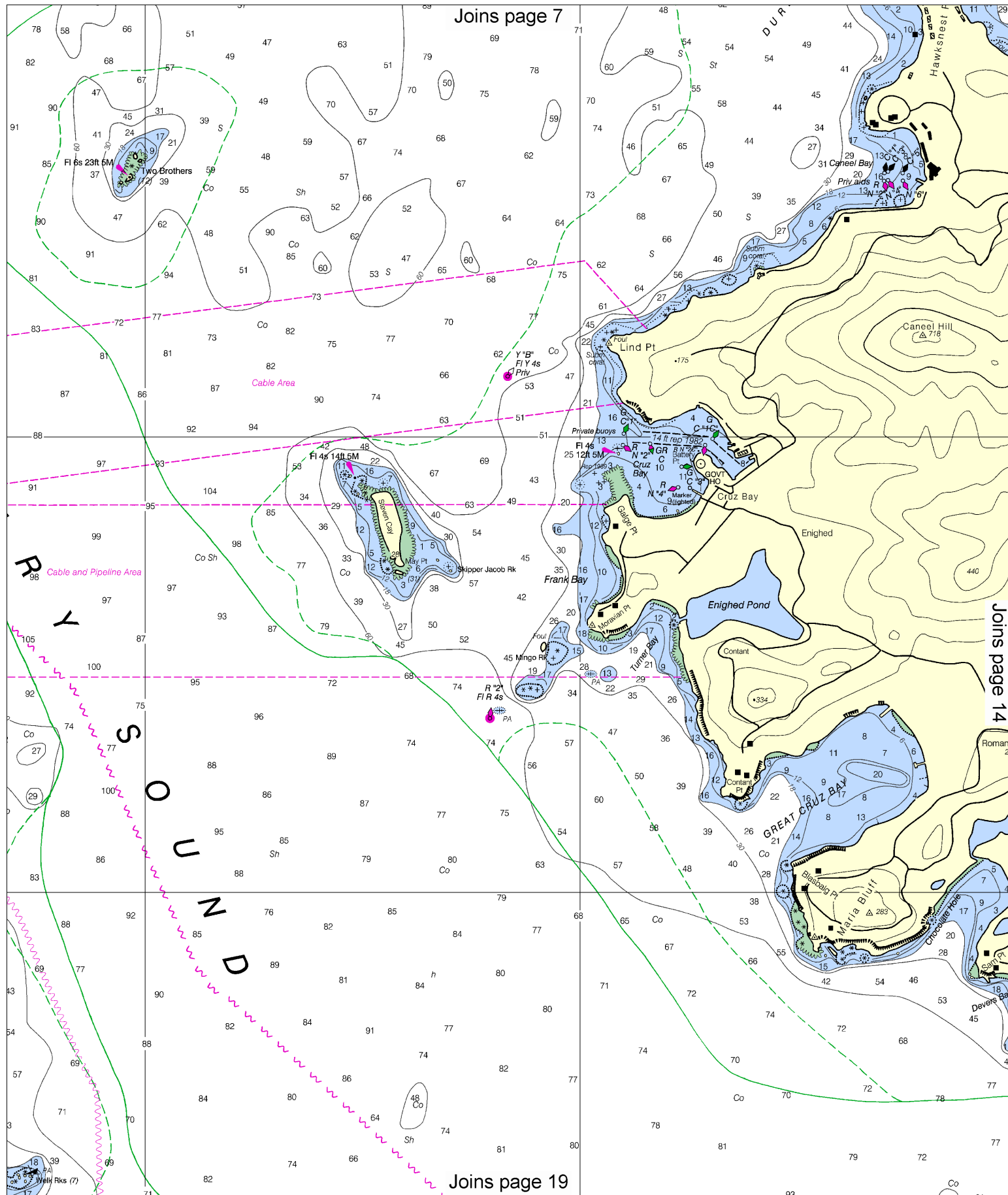
SCALE 1:15,000

See Note on page 5.

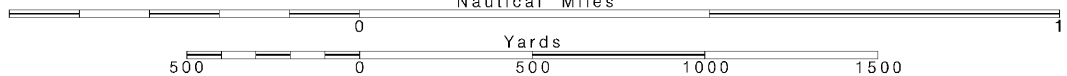
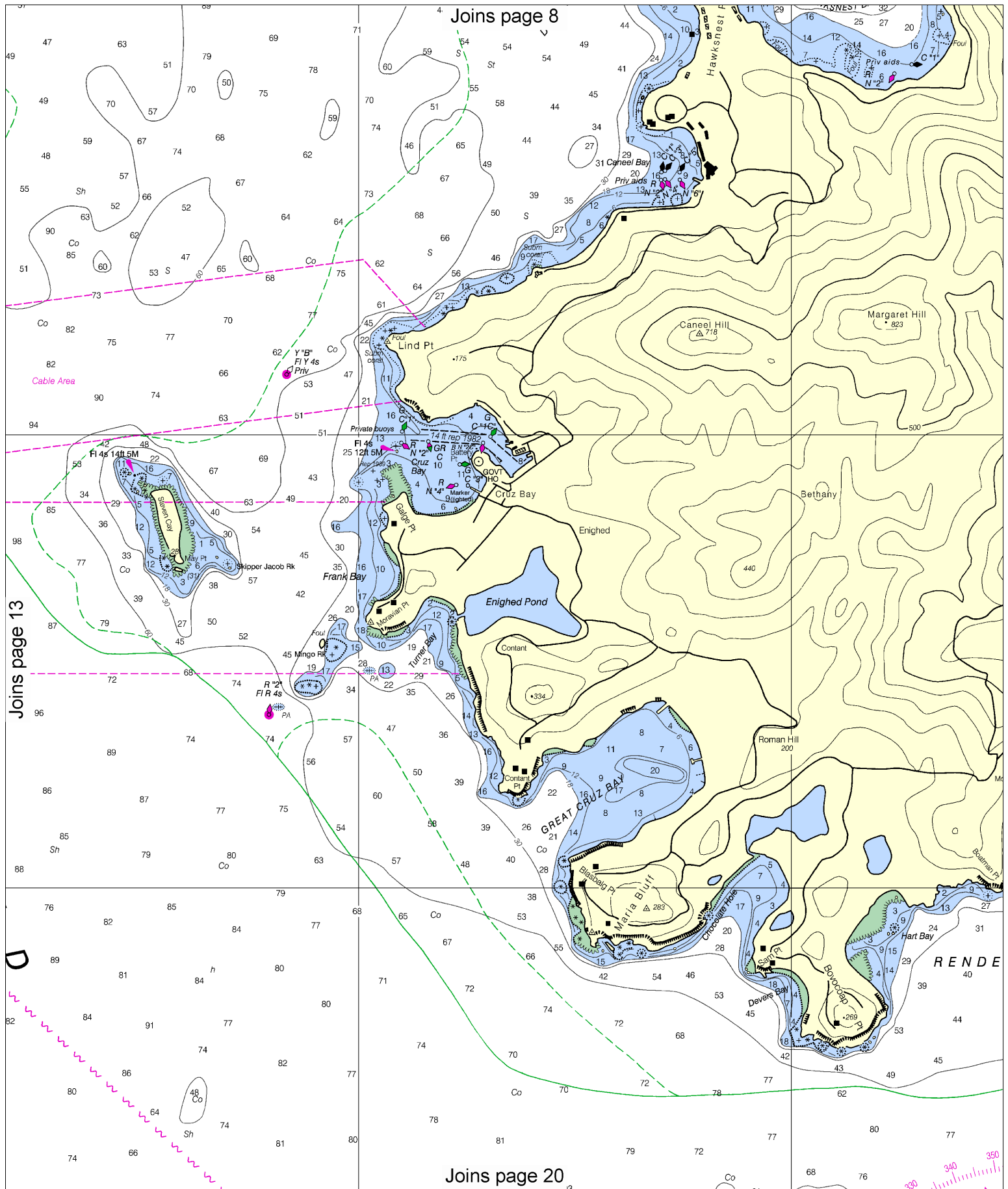




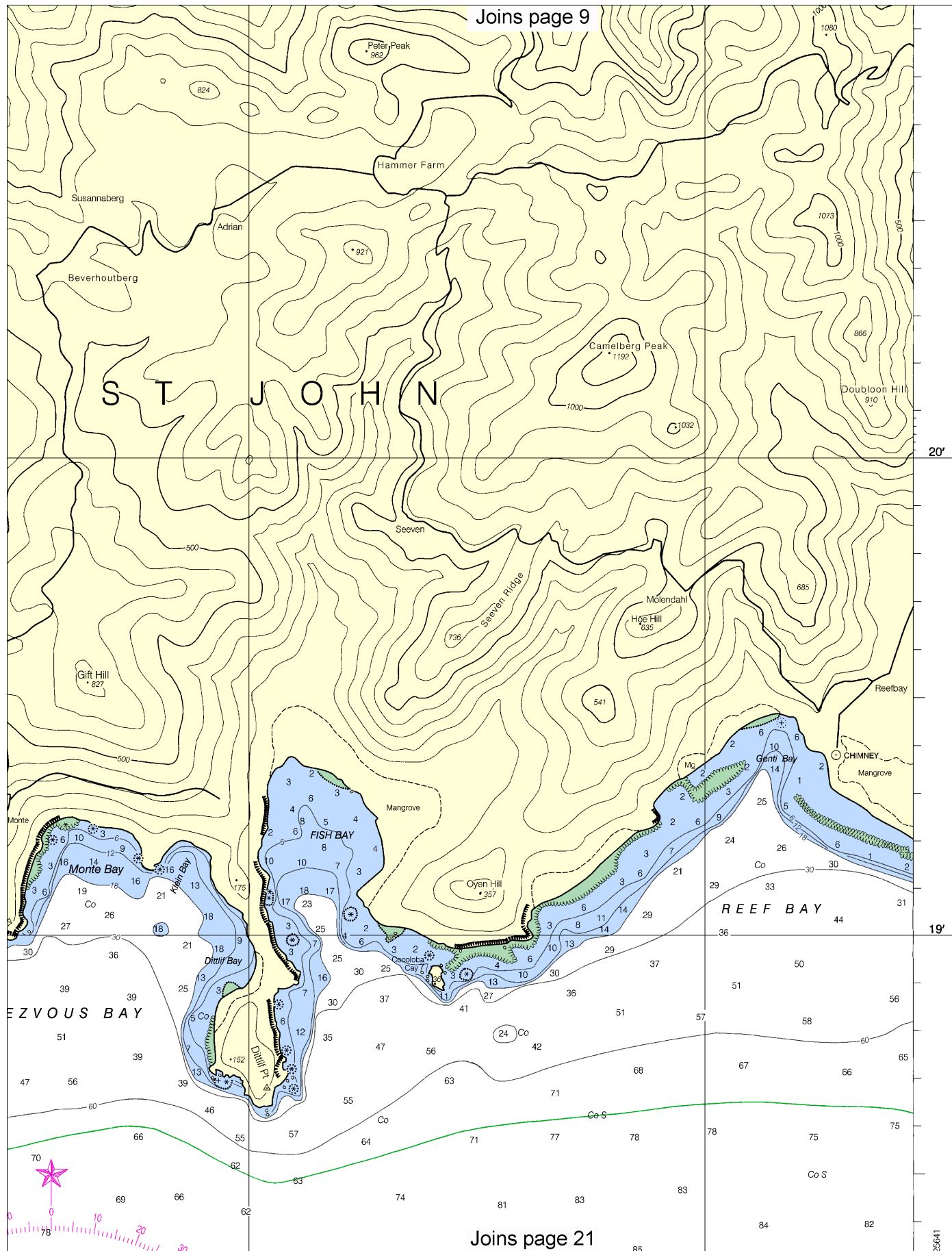
Joins page 7

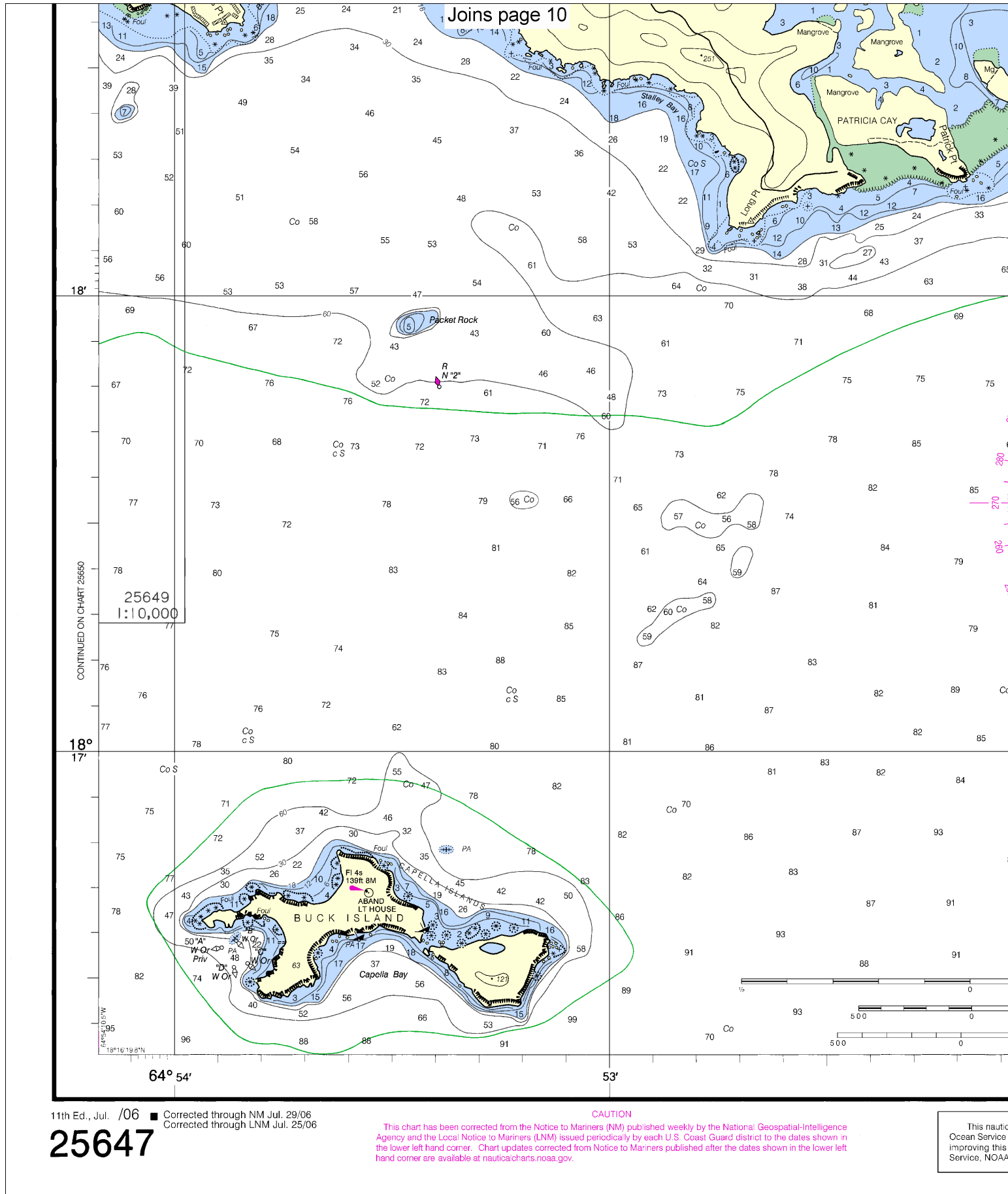


Joins page 14



Joins page 9





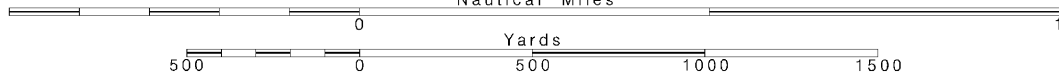
16

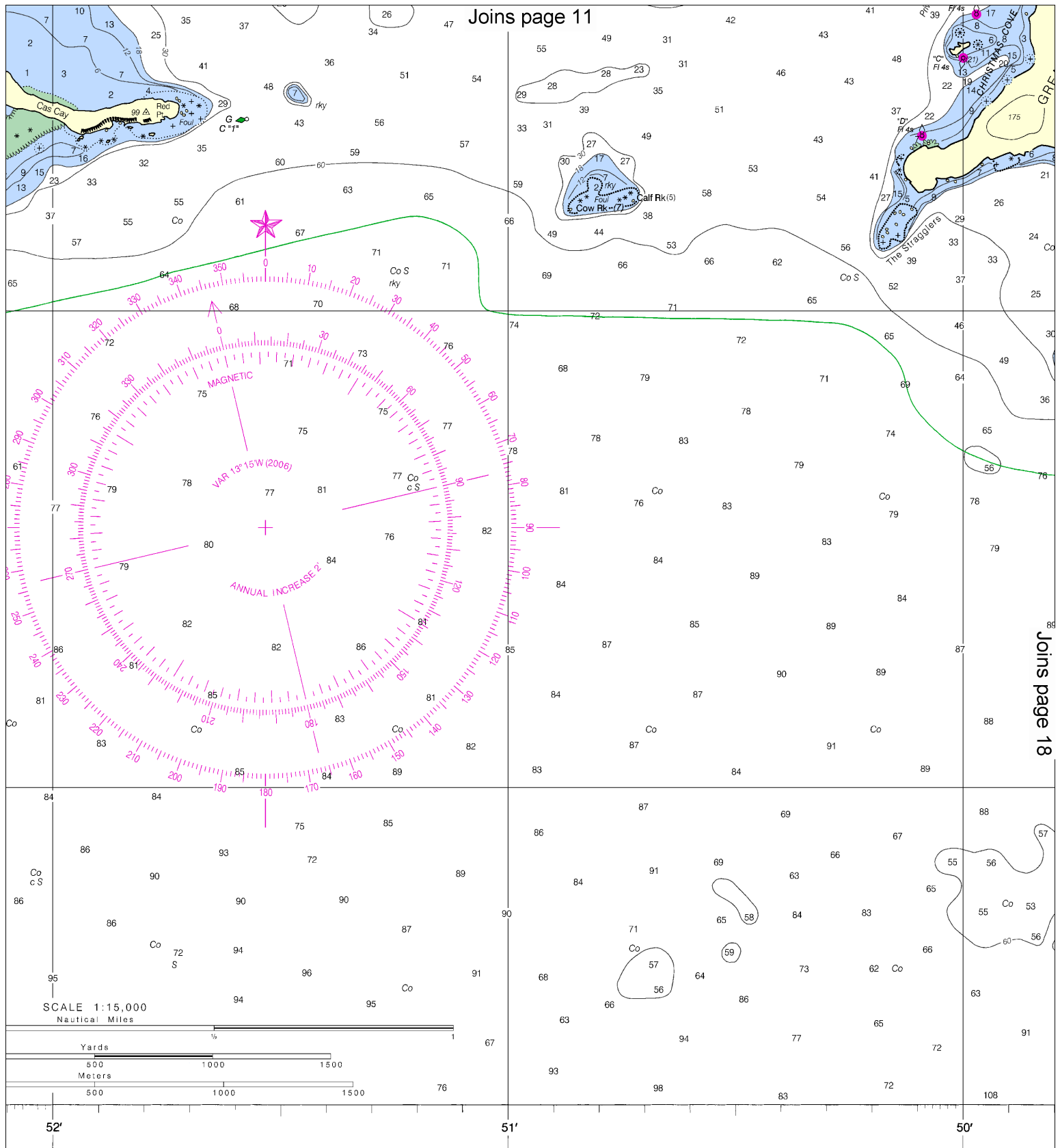
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:15,000
Nautical Miles

See Note on page 5.

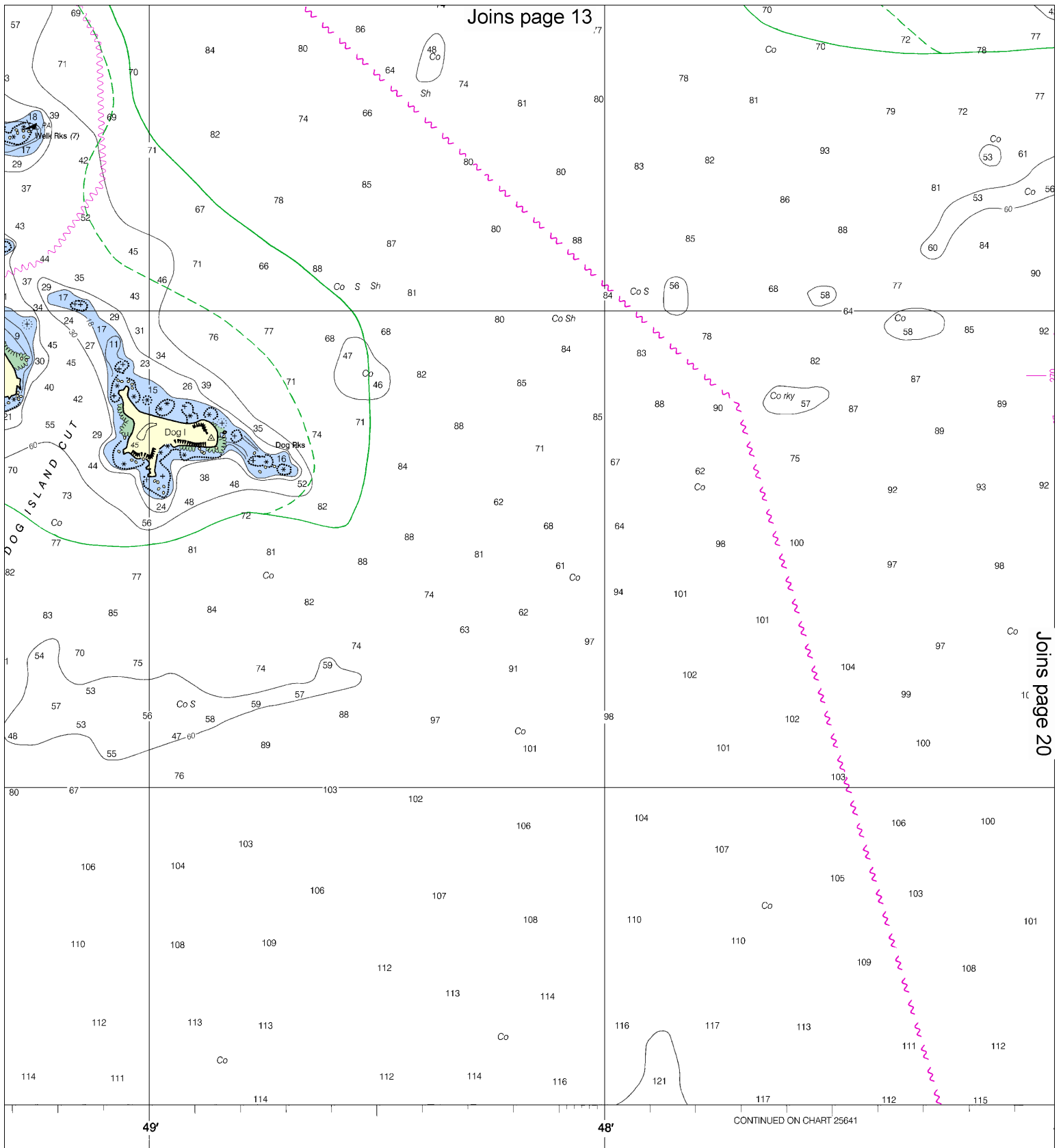




This chart has been designed to promote safe navigation. The National Oceanic and Atmospheric Administration encourages users to submit corrections, additions, or comments for this chart to the Chief, Marine Chart Division (N/CS2), National Oceanic and Atmospheric Administration, Silver Spring, Maryland 20910-3282.

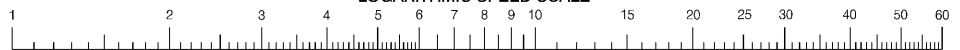
FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

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NATIONAL OCEAN SERVICE
COAST SURVEY DIVISION

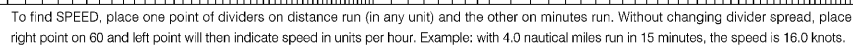


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COAST AND GEODETIC SURVEY

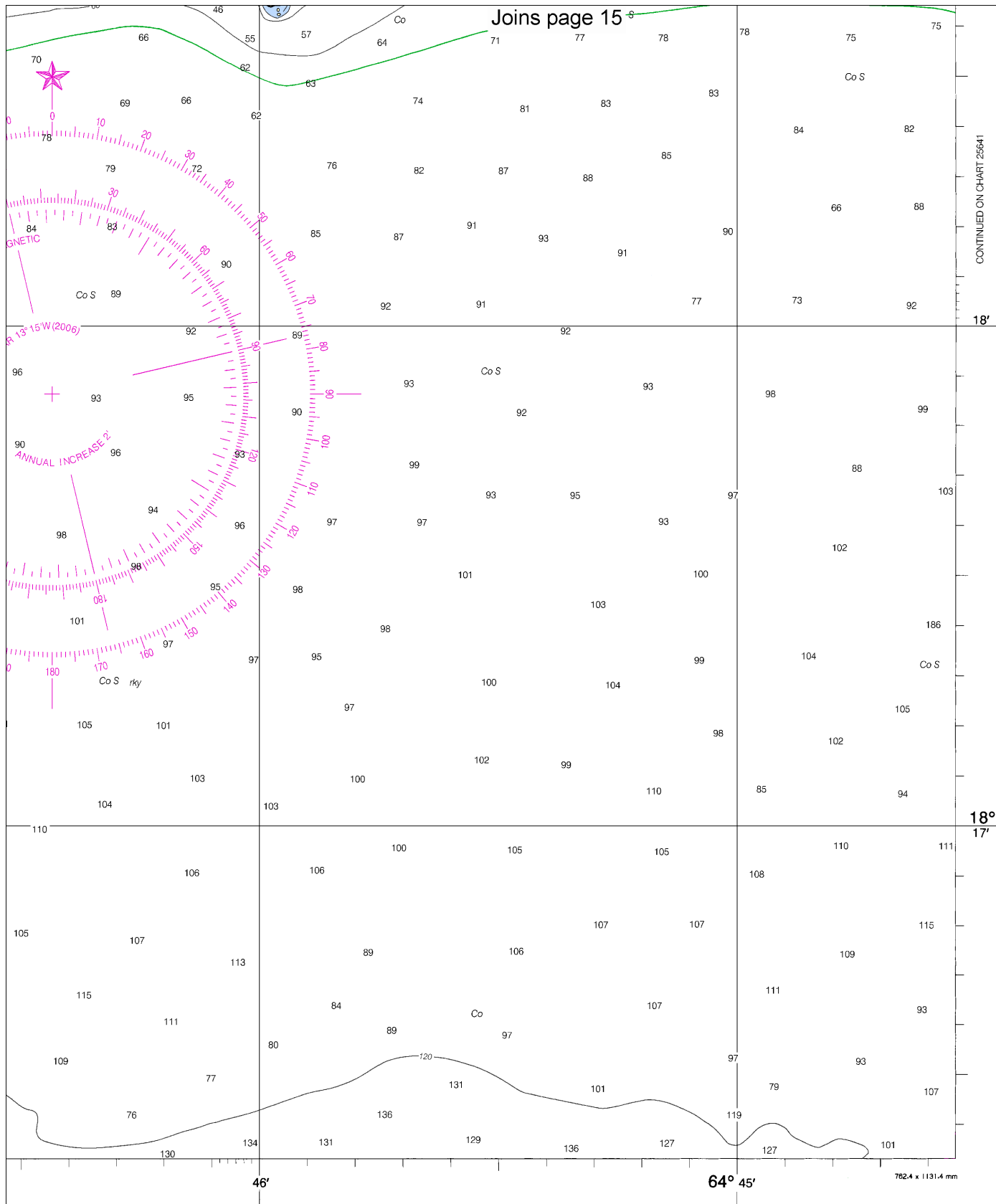
LOGARITHMIC SPEED SCALE



To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.



The image shows two horizontal number lines. The top line is labeled "Nautical Miles" and has a scale from 0 to 1. The bottom line is labeled "Yards" and has a scale from 0 to 1500, with a midpoint at 750.



Joins page 15

CONTINUED ON CHART 25641

18'

18° 17'



ED. NO. 11



NSN 7642014012031
NGA REFERENCE NO. 255AH25647

SOUNDINGS IN FEET

Pillsbury Sound
SOUNDINGS IN FEET - SCALE 1:15,000

25647

25647 Kapp 384

21



EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!

Quick References

Nautical chart related products and information	—	http://www.nauticalcharts.noaa.gov
Online chart viewer	—	http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html
Report a chart discrepancy	—	http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	—	http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections)	—	http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online	—	http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents	—	http://tidesandcurrents.noaa.gov
Marine Forecasts	—	http://www.nws.noaa.gov/om/marine/home.htm
National Data Buoy Center	—	http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	—	http://www.nowcoast.noaa.gov/
National Weather Service	—	http://www.weather.gov/
National Hurricane Center	—	http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center	—	http://ptwc.weather.gov/
Contact Us	—	http://www.nauticalcharts.noaa.gov/staff/contact.htm



— For the latest news from Coast Survey, follow @nauticalcharts



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

NOAA's Office of Coast Survey



The Nation's Chartmaker